

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004536.D
 Acq On : 20 Apr 2021 18:04
 Operator : SY/MD
 Sample : M2089-04
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-072-B

Quant Time: Apr 21 08:54:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

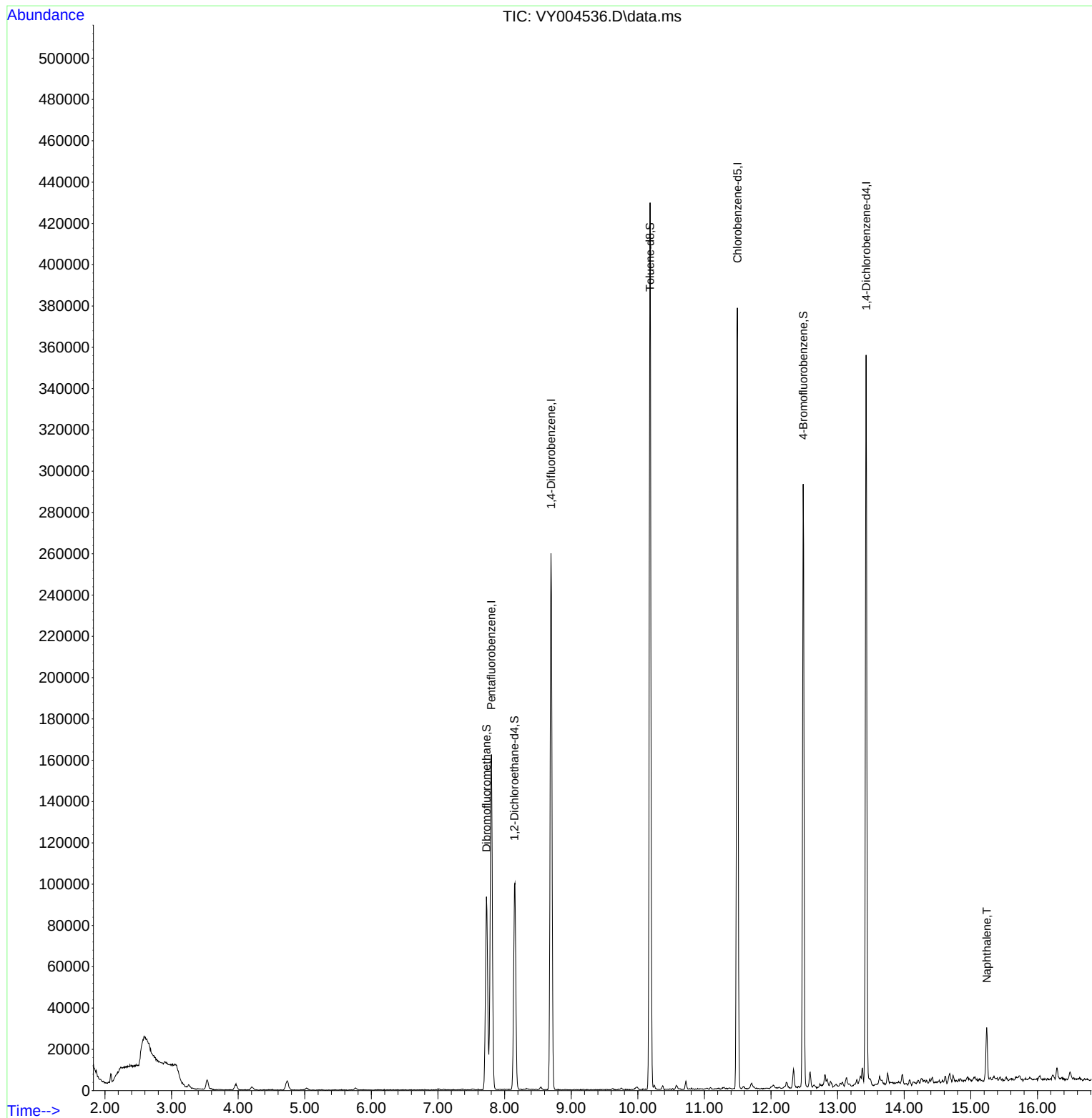
Internal Standards						
1) Pentafluorobenzene	7.801	168	122825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79301	58.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.22%
35) Dibromofluoromethane	7.728	113	62861	53.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.66%
50) Toluene-d8	10.185	98	260577	51.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.94%
62) 4-Bromofluorobenzene	12.483	95	82213	48.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.64%
Target Compounds						
95) Naphthalene	15.239	128	19800	5.82	ug/l	Qvalue 98

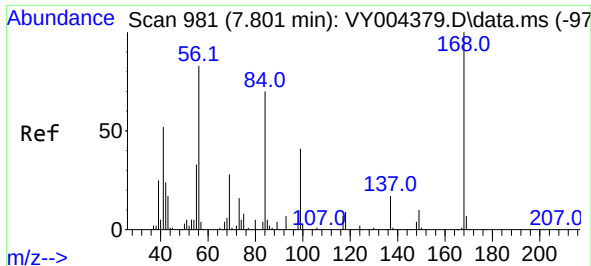
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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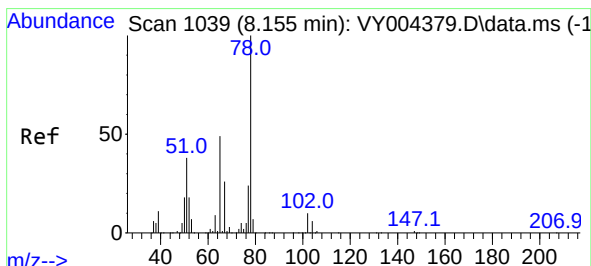
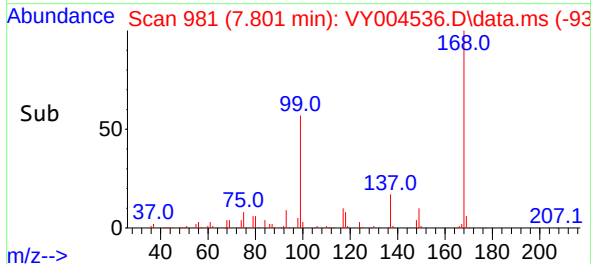
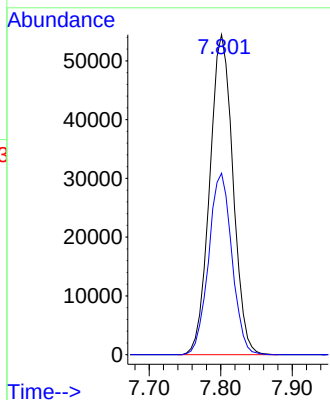
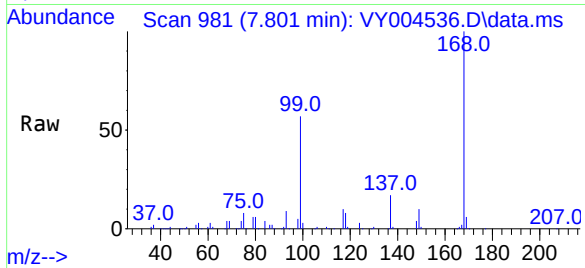




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

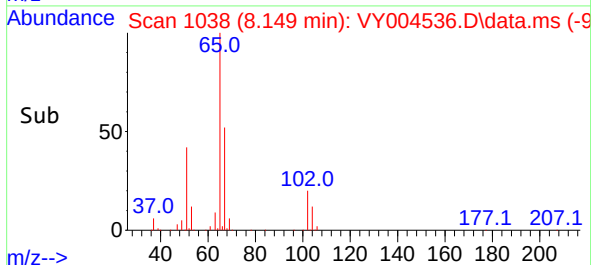
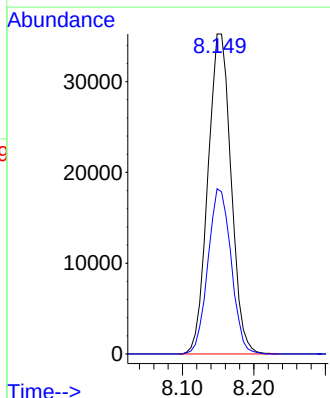
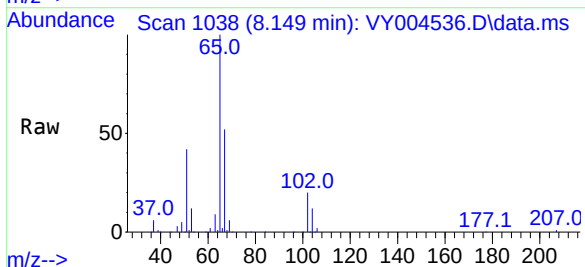
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-072-B

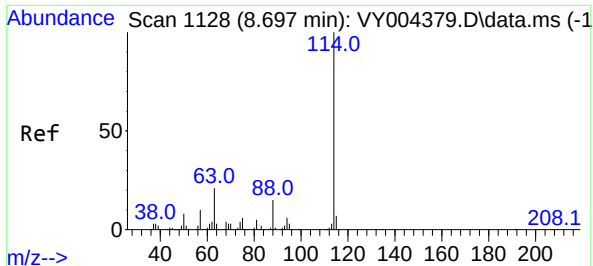
Tgt Ion:168 Resp: 122825
Ion Ratio Lower Upper
168 100
99 56.7 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 58.11 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 65 Resp: 79301
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004536.D

Acq: 20 Apr 2021 18:04

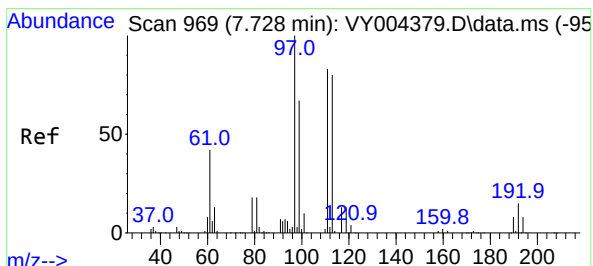
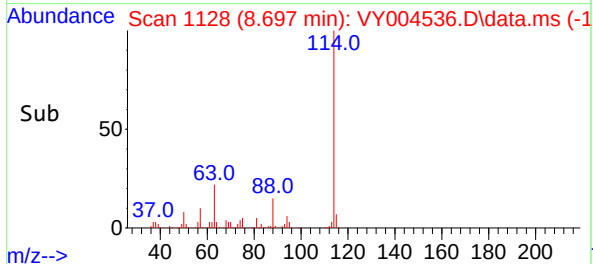
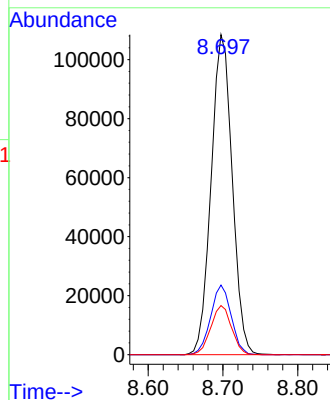
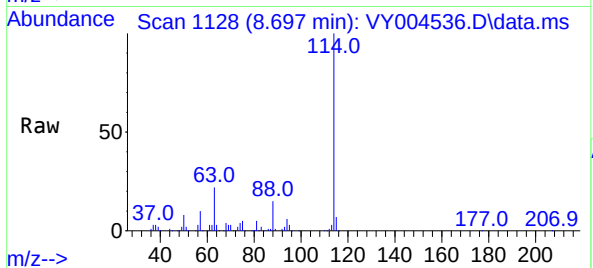
Tgt Ion:114 Resp: 212394

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.33 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004536.D

Acq: 20 Apr 2021 18:04

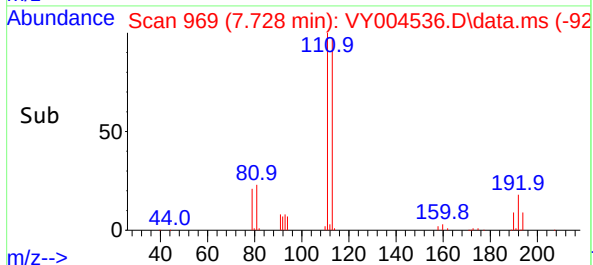
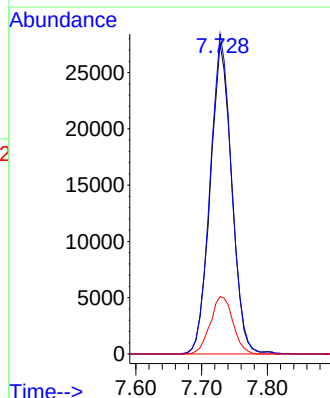
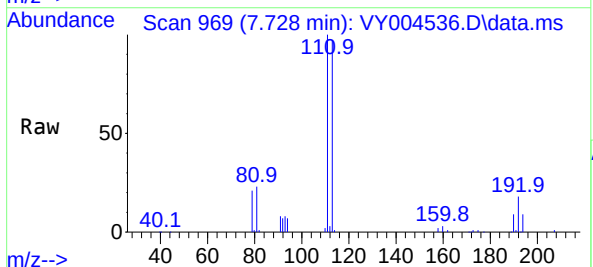
Tgt Ion:113 Resp: 62861

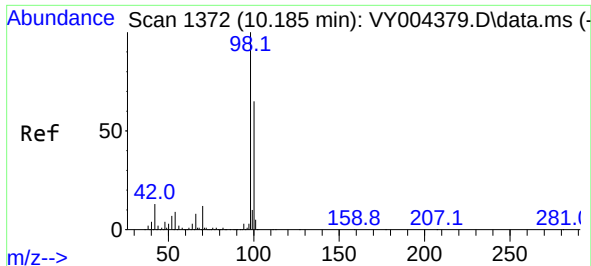
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.4 16.1 24.1

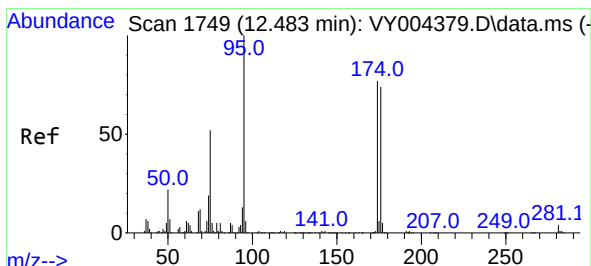
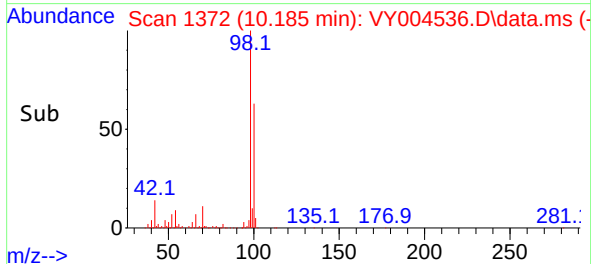
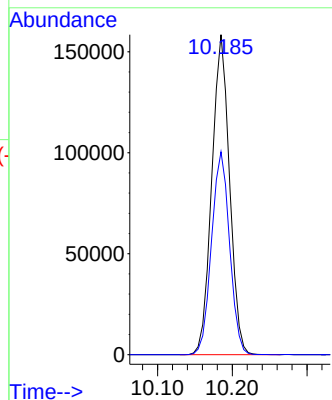
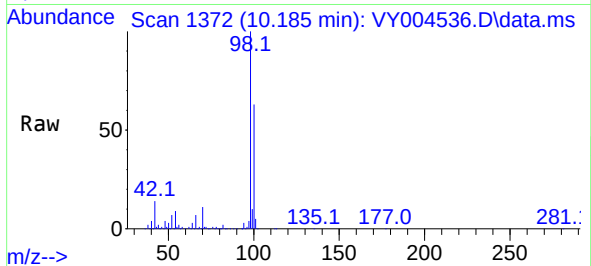




#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

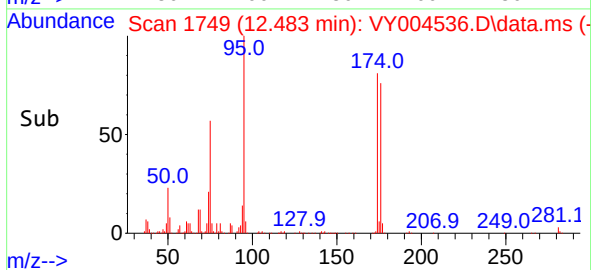
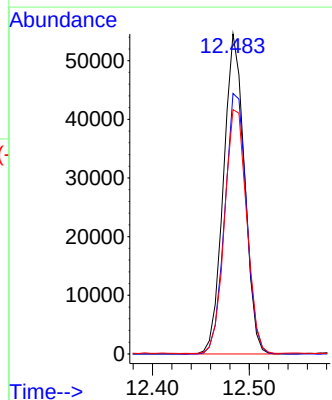
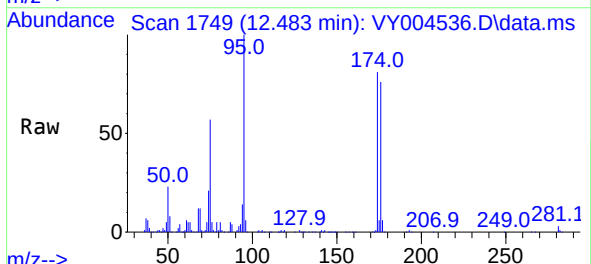
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-072-B

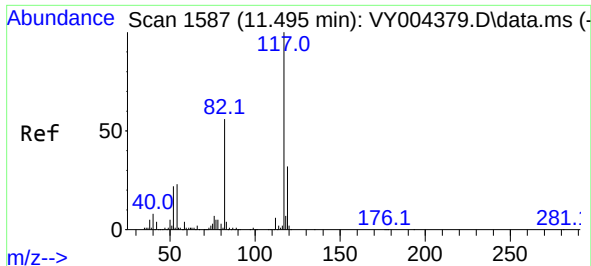
Tgt Ion: 98 Resp: 260577
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 95 Resp: 82213
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.4
176 80.4 0.0 156.0

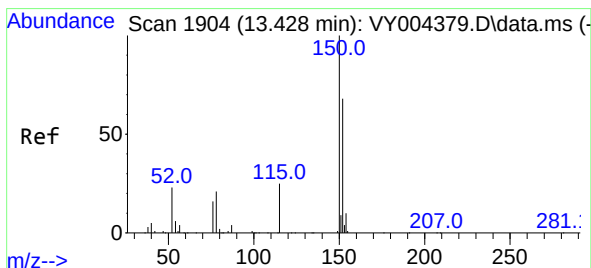
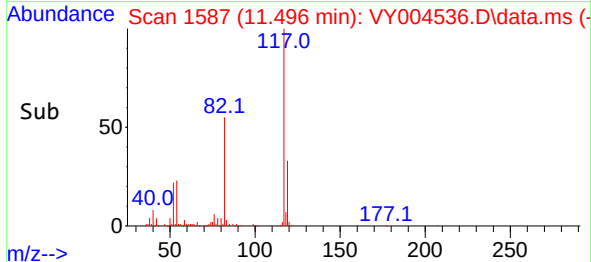
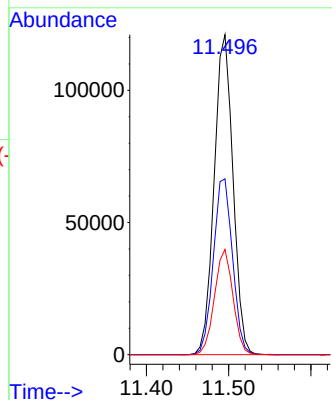
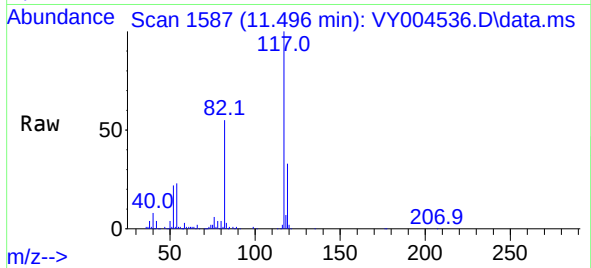




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

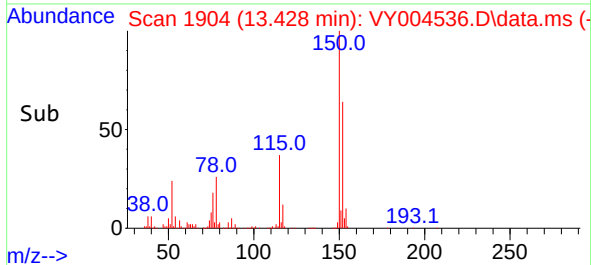
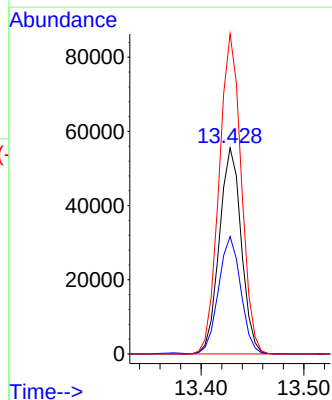
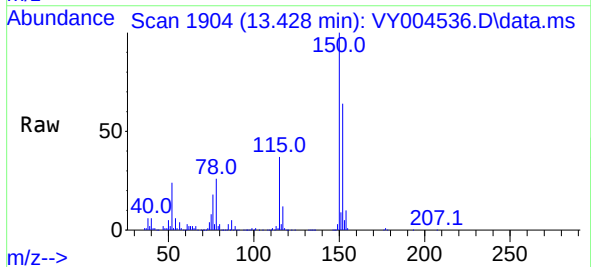
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-072-B

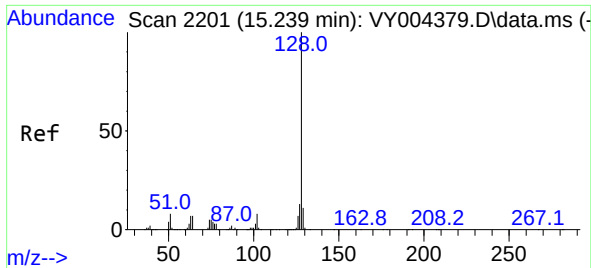
Tgt Ion:	117	Resp:	192747
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.9	67.3
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion:	152	Resp:	82401
Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.6	88.8
150	156.4	0.0	348.4





#95
Naphthalene
Concen: 5.82 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

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MSVOA_Y
ClientSampleId :
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Tgt Ion:	128	Resp:	19800
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	11.4	8.8	13.2

